



Department of Resource Management
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Planning Services Division
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Mike Yankovich
Program Manager

January 13, 2010

Damonica Pierson
Ethics and Compliance Manager
Shell Wind Energy
Shell US Gas and Power
910 Louisiana St., OSP 568A
Houston, TX 77002

Dear Ms. Pierson:

In order to conduct environmental review, the department has identified the following as items deemed necessary to evaluate the safety concerns relative to carbon sequestration:

1. A site specific quantifiable risk assessment performed by qualified and certified professionals to assess the probability of hazardous occurrences such as the following:
 - a. induced seismic activity as outlined in our memo December 3, 2009.
Expand the scope of the current seismic study to include risk assessment.
 - b. carbon dioxide exposure to humans and wildlife due to leakage from geological storage.
 - c. carbon dioxide leakage from geological storage to groundwater and fossil fuel assets.

Please submit a scope of work for our review prior to conducting the study.

2. Expanded detail plan of Figure K-1 of the Class V Underground Injection Control Permit Application and Technical Report to include the anti-blowout protection equipment as recommended in our memo to you dated September 21, 2009. The blowout protection equipment shall be designed consistent with Section 3219 of the California Laws for Conservation of Petroleum & Gas.

3. Submit a detailed explanation as to the reasons why the subject site is an optimal location for geologic CO2 sequestration and any alternative sites that were considered.

If you have any additional questions, please contact me at (707) 784-3170 or email Nnferrario@solanocounty.com

Sincerely,



Nedzlene Ferrario
Senior Planner

Cc: Jim Leland

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